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Applicants: Peter Brink, et al.
U.S. Serial No: 10/757,827
Filing Date: January 15, 2004
Title of the Invention: MESENCHYMAL STEM
CELLS AS A VEHICLE FOR ION CHANNEL
TRANSFER Sheet 1 of 20

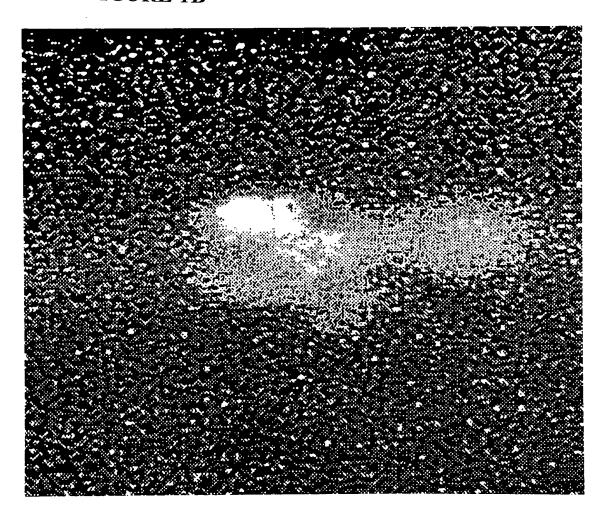
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FIGURE 1B



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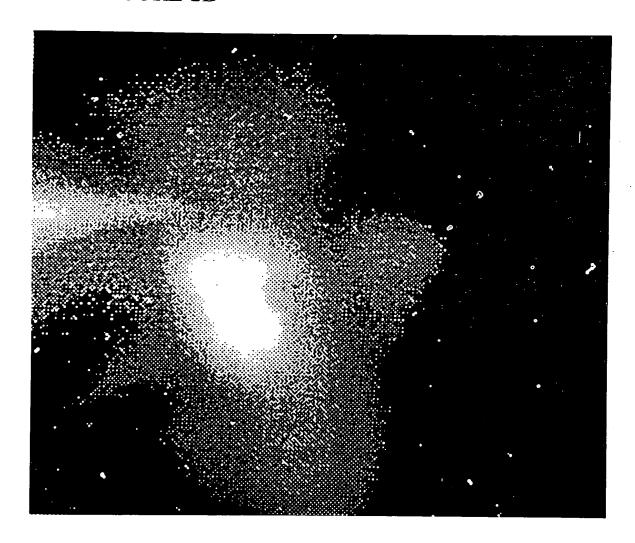


FIGURE 24

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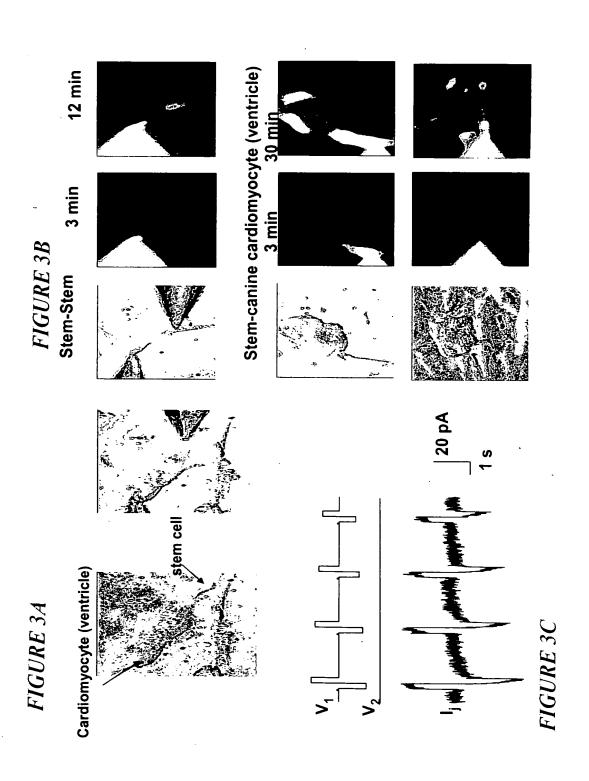
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FIGURE 2B



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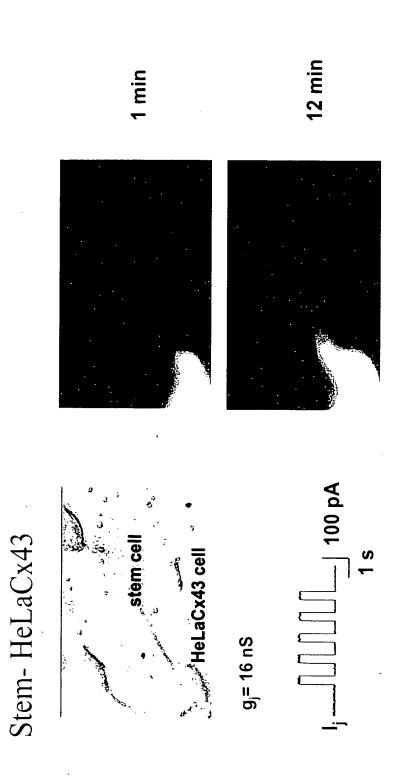


FIGURE 4A

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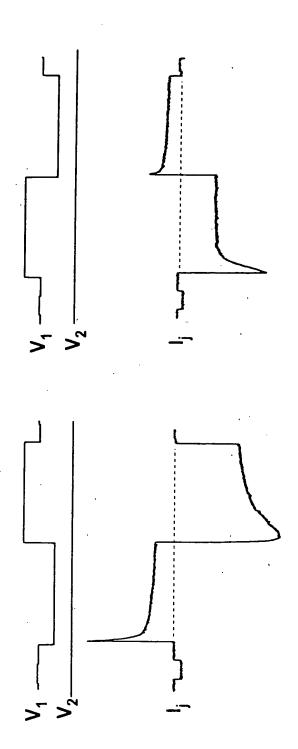


FIGURE 4B

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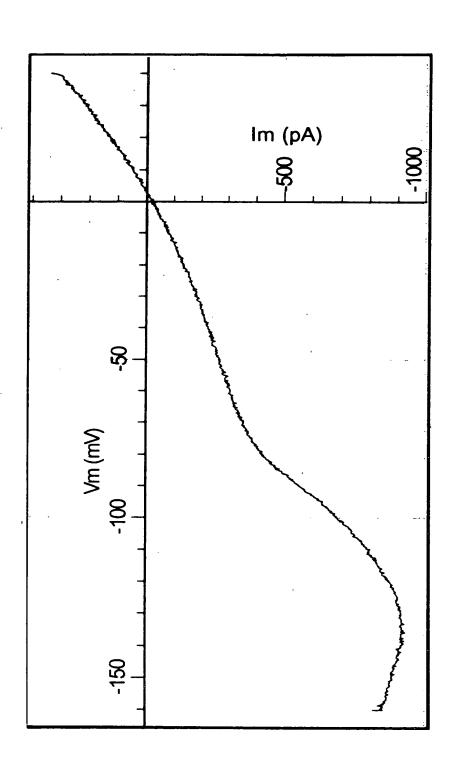
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FIGURE 5A

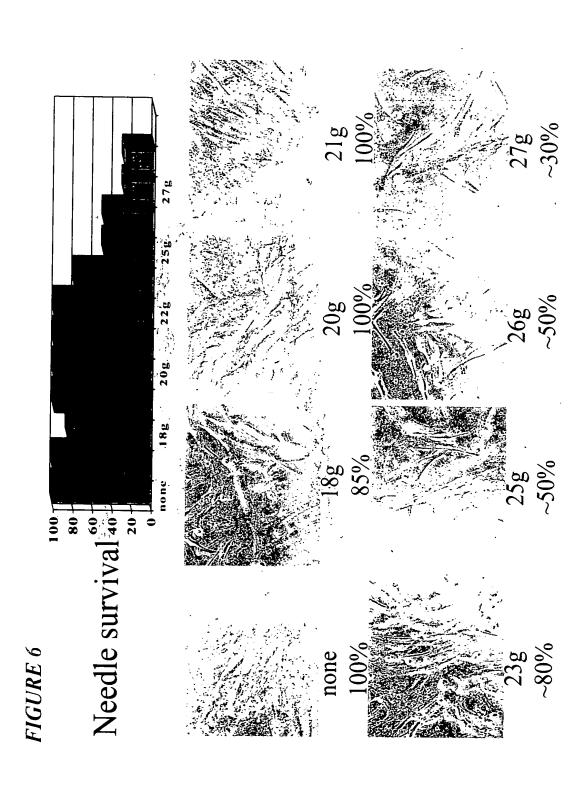
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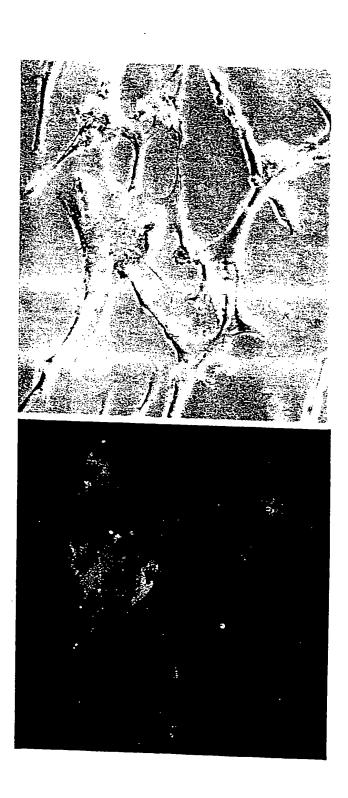
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HMSC cells transiently transfected with mH2-EGFP

FIGURE 7

. :



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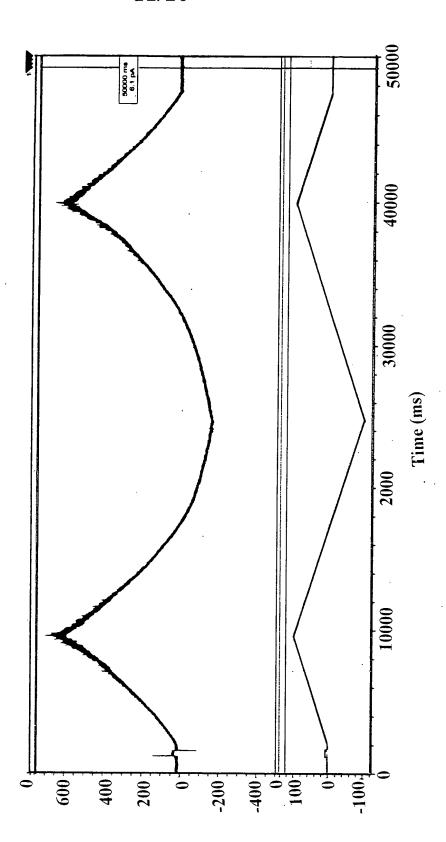


FIGURE 8A

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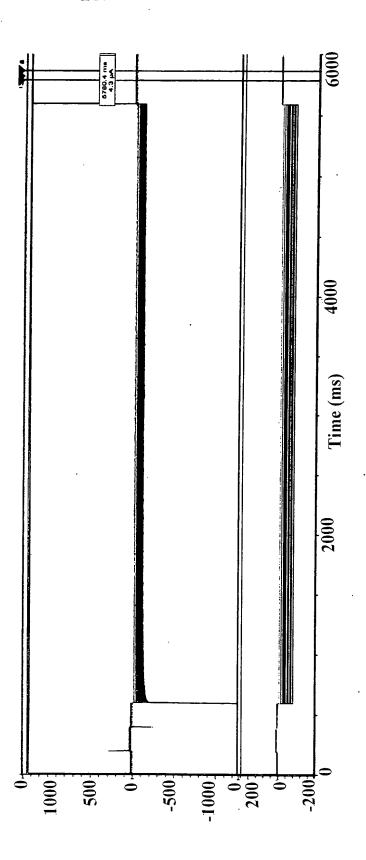


FIGURE 8B

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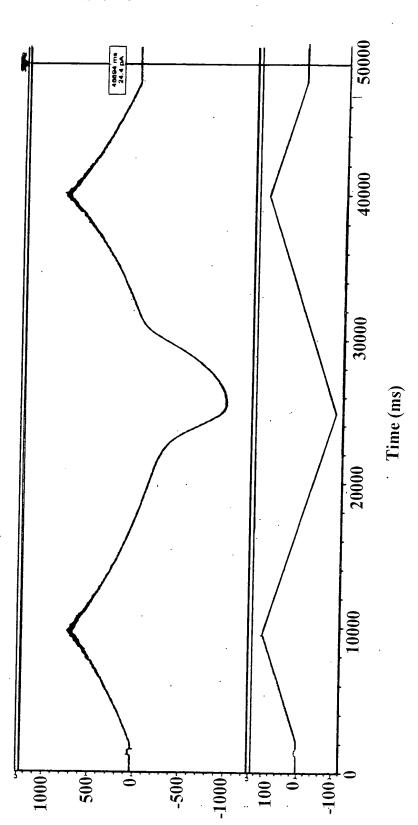


FIGURE 9A

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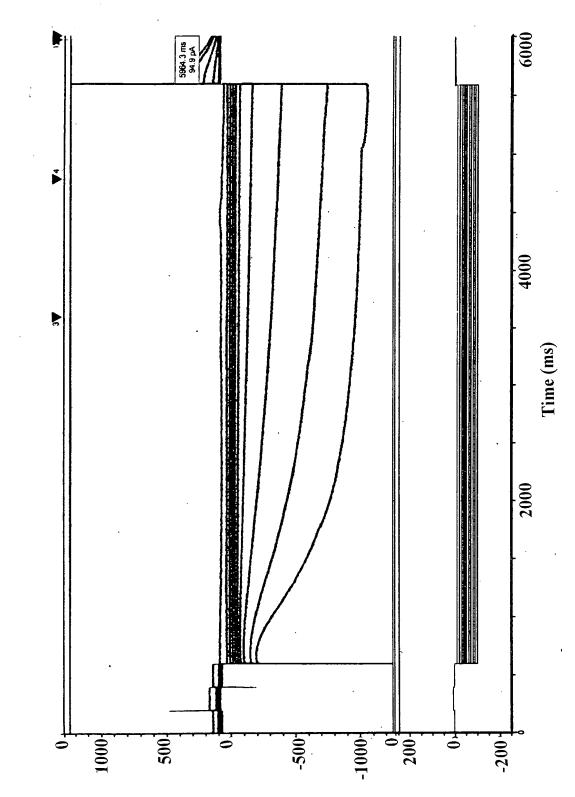


FIGURE 9B

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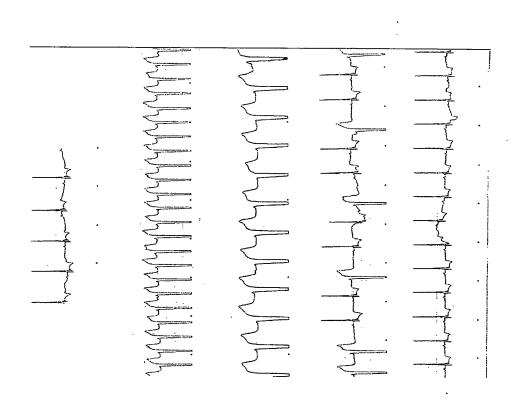
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VT after 1st injection 25 mm/sec

Control

Same as above

(50 mm/sec)



3rd injection

VT termination

FIGURE 10A

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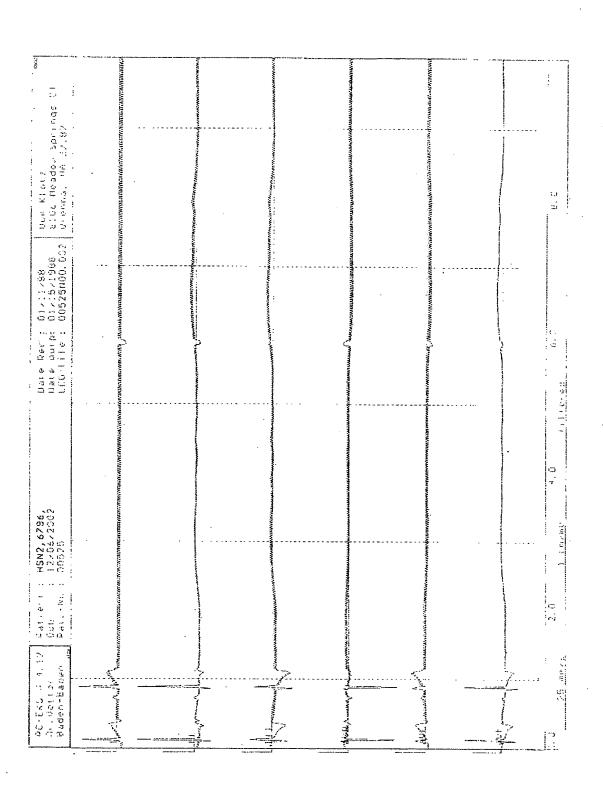


FIGURE 10B

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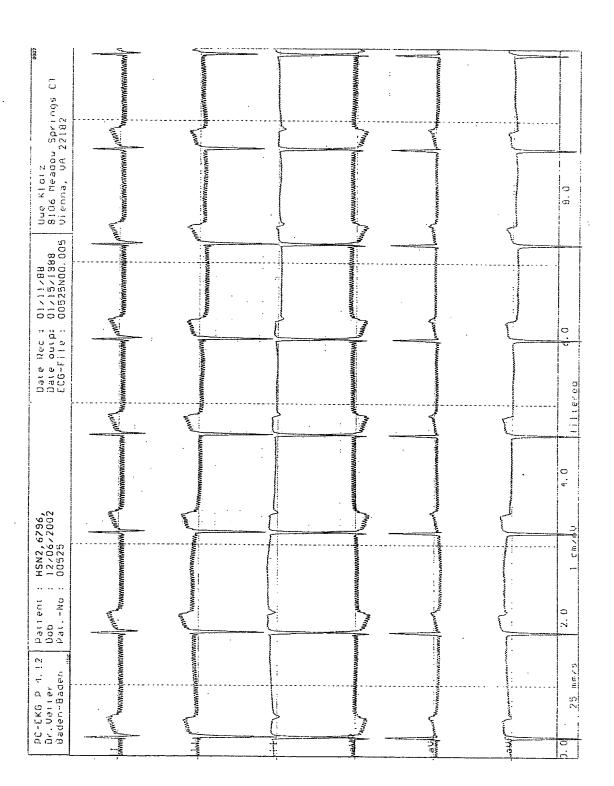


FIGURE 10C

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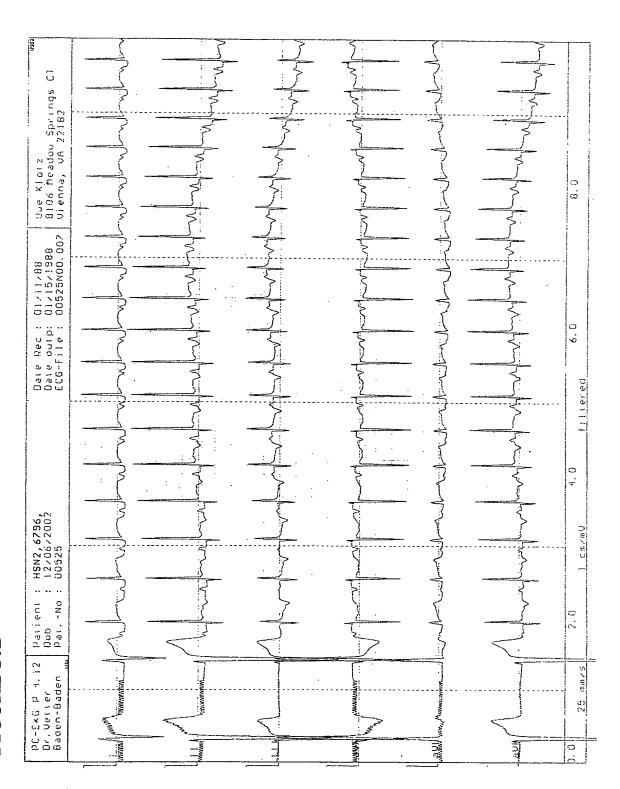


FIGURE 10D

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FIGURE 10E

